AEE/BTP/SD/19/23-24
30/6/2023

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No: Second and Part Bill — Date.....20

Division: **Byatarayanapura** — Sub-Division: **Byatarayanapura Sub Division** — Indent No.

Bill Received No. — Dated — Divisional — Cash Book Voucher No..... Dated.....

Schedule Docket No. — Head of Account: — Sub Divisional — **Work Code:** 006-23-00000! — Est.Cost- **1100.00 Lakhs**

Name of Work: **Improvements and Restoration of Roads in Ward no. 06 (Package 02)(Package Consists of 11 Works).**

Name of Contractor and Full Address : **M/S CGC Infra Projects Pvt. Ltd, No:4 AC-402, 1st Floor, Kammanahalli Main Road, HRBR Layout, 2nd Block, Kalyananagar, Bangalore-43**

Reference to Agreement No: BBMP/EE/BTP/WO/53/2022-23 — Date: 22-06-2022

Certified that the measurements were taken by me on 30.06.2023 and recorded of Pages 59159-66 of measurement Book No. 5592/20-21 and that the work is satisfactorily executed.

For CGC INFRA PROJECTS PVT LTD

DIRECTOR

Contractor — **Officer-in-charge of work**

Certified that the measurement were taken by me on 30/06/2023 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within — Total - 87,42,600=00
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted — B-Amt 49,22,960=00 up to Dec Report 37,91,300=00 4,17,200=00
   towards cash advance recovery of
   b) Payments Now made { cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash. — IT - 8,34,400=00; GST - 4,17,200=00; SGST - 4,17,200=00; CON - 4,17,200=00; CBR - 4,17,20=00
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor — unadjustments items: T.D 21,27,720=00
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total amount adjusted - 4,71,01,880=00

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

For CGC INFRA PROJECTS PVT LTD

Contractor's Signature

(For use in the Office)

DIRECTOR

Witness
1.
2.

For CGC INFRA PROJECTS PVT LTD

Dated — Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Stamp

P-3867
Bill Amt 49,22,960=00
IT 21,27,720=00
Total 4,71,01,880=00

RTGS/NEFT/RTGS

12/10/23

Initials of Officer making payment

Executive Engineer

12/10

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ABSTRACT

Item No	Description	unit	Approved Shedule-B			Previous			Present			Total Upto Da.	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions of the Engineer in charge.	Cum	2948.34	200.00	589667.00	2590.55	200.00	518110.00	0.00	200.00	0.00	2590.55	518110.00
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) and directions of the Engineer in charge.	Sqm	11025.86	100.00	1102586.40	6573.27	100.00	657327.00	0.00	100.00	0.00	6573.27	657327.00
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. and directions of the Engineer in charge.	Sqm	2756.47	750.00	2067349.50	2621.03	750.00	1965773.00	0.00	750.00	0.00	2621.03	1965773.00
4	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and directions of the Engineer in charge.	Cum	873.18	5620.00	4907246.31	316.47	5620.00	1778561.00	192.38	5620.00	1081176.00	508.85	2859737.00
5	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification- and directions of the Engineer in charge. Quantity Upto 125%	Cum	229.26	7425.00	1702248.08	229.26	7425.00	1702256.00	57.32	7425.00	425601.00	286.58	2127857.00
55	Quantity Above 125%								101.77	6950.42	707344.00	101.77	707344.00
6	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and directions of the Engineer in charge.	Tonne	14.94	80500.00	1202698.98	14.94	80500.00	1202670.00	3.74	80500.00	301070.00	18.68	1503740.00
65	Quantity Above 125%								12.44	114798.52	1428094.00	12.44	428094.00
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery ,loading ,unloading, lead and lift,transportation etc ,complete. and directions of the Engineer in charge.	Sqm	988.50	1925.00	1902862.50	904.46	1925.00	1741086.00	0.00	1925.00	0.00	904.46	1741086.00
8	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete. and directions of the Engineer in charge.	Sqm	76.44	5425.00	414687.00	76.44	5425.00	414687.00	19.11	5425.00	103672.00	95.55	518359.00
86	Quantity Above 125%								157.77	5472.18	863346.00	157.77	863346.00
9	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and directions of the Engineer in charge.	Cum	13432.16	57.00	765632.84	5289.77	57.00	301517.00	2398.70	57.00	136726.00	7688.47	438243.00
10	Supplying and laying Sand / Crushed Sand and directions of the Engineer in charge.	Cum	6192.38	1500.00	9288575.57	2644.88	1500.00	3967320.00	703.89	1500.00	1055835.00	3348.77	5023155.00

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Item No	Description	unit	Approved Shedule-B			Previous			Present			Total Upto Da...	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
11	Extra for watering the earth to bring the earth upto required optimum moisture content manually including cost of all labour complete as per specifications. and directions of the Engineer in charge.	Cum	6192.38	13.00	80500.99	2644.88	13.00	34383.00	703.89	13.00	9151.00	3348.77	43534.00
12	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. and directions of the Engineer in charge.	Sqm	47174.76	41.50	1957752.54	20301.83	41.50	842526.00	8489.93	41.50	352332.00	28791.76	1194858.00
13	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.and directions of the Engineer in charge.	Sqm	52979.73	6.50	344368.25	20301.83	6.50	131962.00	12505.36	6.50	81285.00	32807.19	213247.00
14	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and directions of the Engineer in charge.	Cum	14768.97	2002.00	29567477.94	6264.44	2002.00	12541409.00	3148.50	2002.00	6303297.00	9412.94	18844706.00
15	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and directions of the Engineer in charge.	Sqm	48043.26	34.00	1633470.84	4883.71	34.00	166046.00	31717.80	34.00	1078405.00	36601.51	1244451.00
16	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by smooth wheeled, vibratory & tandem rollers to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. and directions of the Engineer in charge.	Cum	2402.16	6046.58	14524852.61	244.19	6046.58	1476514.00	1585.89	6046.58	9589211.00	1830.08	11065725.00
17	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and directions of the Engineer in charge.	Sqm	50233.26	12.85	645497.39	4883.71	12.85	62756.00	32064.39 / 32064.38	12.85	412027.00	36948.09 / 36948.10	474783.00
18	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and directions of the Engineer in charge.	Cum	2011.09	9300.00	18703137.00	195.35	9300.00	1816755.00	1282.57 / 1282.58	9300.00	11927901 / 11927994.00	1477.93	13744956 / 13744749.00
19	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and directions of the Engineer in charge.	Sqm	1755.12	455.00	798579.60	0.00	455.00	0.00	1329.38	455.00	604868.00	1329.38	604868.00

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Item No	Description	unit	Approved Shedule-B			Previous			Present			Total Upto Da	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
20	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.and directions of the Engineer in charge.	Cum	661.25	1030.00	681087.50	70.72	1030.00	72842.00 72482	258.19	1030.00	265936.00	328.91	338418.00 338778.00
21	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire chargedof machines,all lead and lift charges etc., complete as per specifications. and directions of the Engineer in charge.	Cum	767.47	5635.00	4324693.45	130.60	5635.00	735931.00	192.37 192.38	5635.00	1084005.00 1084061.00	322.98	1819936.00 1819992.00
E1	Removing and resetting of footpath slab and as per the directions of the Engineer-in-charge of the work	Sqm	—	—	—	—	—	—	648.29	237.35	153872.00	648.29	153872.00
E2	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete and as per the directions of the Engineer-in-charge of the work	Cum				-	-	-	1130.78 310.37 + 1441.15	2607.52	3757827.00 3757823.00	1441.15	3757827.00 3757823.00
										Sub total -	41721261.00		73852180.00
	Sub Total				97204972.28	-	-	32130431.00			41723126.00		73853557.00
	GST				11664597.00	-	-	5783478.00			7510163.00		13293641.00
	TOTAL AMOUNT				108869569.28	-	-	37913909.00			49233289.00		87147198.00

Certificate

1 The Work executed by the contractor is found satisfactory

2 The contractor has removed the debris from the work spot

3 Thereare no departmental issues for this work

Sub total :	321 30071.00	Round off	41720000.00
GST @ 18% :	57 83412.78	GST 18%	7509600.00
Total :	37 913483.78		
Round off.	- 37913000.00	Total	49229600.00
			87143083.78
			87142600.00

For CGC INFRA PROJECTS PVT LTD

DIRECTOR

Contractor

Asst Engineer

Asst Executive Engineer

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